

Title (en)

PLANTS WITH MODIFIED TRAITS

Title (de)

PFLANZEN MIT VERÄNDERTEN EIGENSCHAFTEN

Title (fr)

PLANTES PRÉSENTANT DES TRAITS MODIFIÉS

Publication

EP 3507370 A1 20190710 (EN)

Application

EP 17844702 A 20170901

Priority

- AU 2016903541 A 20160902
- AU 2016903577 A 20160906
- AU 2016904611 A 20161111
- AU 2017050012 W 20170106
- AU 2017902756 A 20170713
- AU 2017050948 W 20170901

Abstract (en)

[origin: WO2018039740A1] The present invention relates, inter alia, to vegetative plant parts, such as from a Sorghum sp. and/or a Zea mays plant, which comprise a total fatty acid (TFA) content which comprises fatty acids esterified in the form of triacylglycerols (TAG) and fatty acids in the form of lipids other than TAG, wherein the vegetative plant parts comprise greatly increased levels of TFA, for example a TFA content of about 5% (w/w dry weight). The present invention also relates to the use of the vegetative plant parts as a feedstuff, and/or to produce a feedstuff, for animal consumption.

IPC 8 full level

C12N 15/52 (2006.01); **A01H 5/00** (2018.01); **A23K 10/10** (2016.01); **A23K 10/30** (2016.01); **C11B 1/10** (2006.01); **C11B 1/14** (2006.01);
C12N 15/29 (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP US)

A23K 10/12 (2016.05 - EP US); **A23K 10/30** (2016.05 - EP US); **C10L 1/026** (2013.01 - US); **C11B 1/04** (2013.01 - EP US);
C11B 1/06 (2013.01 - US); **C11B 1/10** (2013.01 - EP US); **C11C 3/003** (2013.01 - EP US); **C12N 15/8218** (2013.01 - EP US);
C12N 15/8247 (2013.01 - EP US); **C12N 15/8251** (2013.01 - US); **C12Q 1/6895** (2013.01 - US); **C10L 2200/0476** (2013.01 - US);
C10L 2200/0484 (2013.01 - US); **C10L 2270/026** (2013.01 - US); **C10L 2290/04** (2013.01 - US); **C10L 2290/24** (2013.01 - US);
C10L 2290/26 (2013.01 - US); **C12Q 2600/13** (2013.01 - US); **Y02E 50/10** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018039740 A1 20180308; WO 2018039740 A9 20190926; AU 2017320470 A1 20190418; AU 2017320470 B2 20231123;
AU 2024201251 A1 20240314; BR 112019004530 A2 20191022; CA 3035570 A1 20180308; CN 110462043 A 20191115;
EP 3507370 A1 20190710; EP 3507370 A4 20200624; MX 2019002483 A 20190909; MX 2023010510 A 20230920; RU 2019109455 A 20201002;
RU 2019109455 A3 20210617; US 11859193 B2 20240102; US 2019185871 A1 20190620; US 2024200087 A1 20240620;
ZA 201902028 B 20200930

DOCDB simple family (application)

AU 2017050948 W 20170901; AU 2017320470 A 20170901; AU 2024201251 A 20240223; BR 112019004530 A 20170901;
CA 3035570 A 20170901; CN 201780068087 A 20170901; EP 17844702 A 20170901; MX 2019002483 A 20170901;
MX 2023010510 A 20190301; RU 2019109455 A 20170901; US 201716329939 A 20170901; US 202318516336 A 20231121;
ZA 201902028 A 20190401